

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/008061

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 C07D401/04 C07D295/14 C07D413/10 C07D413/14 C07D403/02  
 A61K31/4545 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/031432 A (BOEHRINGER INGELHEIM INT ; NOVO NORDISK AS (DK)) 17 April 2003 (2003-04-17) page 5, line 5 - page 7, line 19 page 12, line 14 - page 12, line 16 -----	1-18
A	WO 02/072093 A (SCHERING CORP) 19 September 2002 (2002-09-19) page 2, line 18 - page 4, line 3; claims 1,2 -----	1-18
A	WO 02/32893 A (SCHERING CORP) 25 April 2002 (2002-04-25) page 1, line 26 - page 4, line 8 -----	1-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

9 November 2004

Date of mailing of the international search report

16/11/2004

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### Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: -  
because they relate to subject matter not required to be searched by this Authority, namely:  
Although claim 16 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compounds.
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

### Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

#### Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/008061

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03031432	A 17-04-2003	WO EP US	03031432 A1 1444219 A1 2003191112 A1	17-04-2003 11-08-2004 09-10-2003
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WO 0232893	A 25-04-2002	AU BR CA CN EP HU JP NO SK WO US US	1535502 A 0114754 A 2424664 A1 1469873 T 1326858 A2 0303835 A2 2004511553 T 20031744 A 4672003 A3 0232893 A2 2004097513 A1 2003045519 A1	29-04-2002 01-07-2003 25-04-2002 21-01-2004 16-07-2003 01-03-2004 15-04-2004 14-06-2003 04-11-2003 25-04-2002 20-05-2004 06-03-2003